



TREND NETWORKS



SecuriTEST IP

CCTV Camera Tester for
IP Digital / HD Coax / Analogue Systems

Depend On Us

SecuriTEST IP



CCTV Camera Tester for
IP Digital / HD Coax /
Analogue Systems

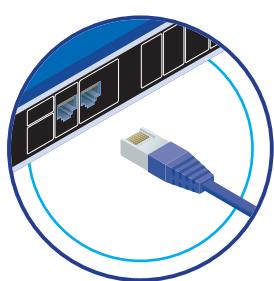
SecuriTEST IP is an installation and troubleshooting tester for digital/IP, HD coax and analogue CCTV camera systems. With a single tester that can power, configure and document, SecuriTEST IP increases productivity from start to finish.

Supply power to cameras via PoE/PoE+ (Power over Ethernet) or standard 12V DC power using its internal Li-Ion battery, eliminating the need for external power adapters and injectors.

The QuickIP™ feature allows installers who are new to IP camera systems to quickly and easily connect to cameras without being network experts.

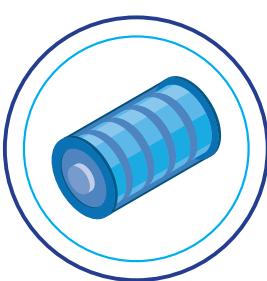
Create professional test reports including video screen shots to verify the job has been completed successfully and reduce unpaid call backs.

Camera Configuration, Installation and Troubleshooting



Physically connect camera

Connect camera to the tester using RJ45, BNC or Wi-Fi.



Power camera

Power the camera using:
PoE+ (tester battery or
network pass through), 12V DC
power (tester battery).



Camera Identification and Login

Automatic network
configuration and connection
to IP cameras.



Send reports

Send reports from the jobsite
using email or preferred file
sharing service.



Document

Create PDF installation reports
with video images, statistics
and camera settings.



Camera setup

Comprehensive setup options
including aim, focus, PTZ
presets, network settings (IP),
video settings.

Physically Connect Camera

Connect to any IP or analogue camera using RJ-45, BNC connections or Wi-Fi via network.



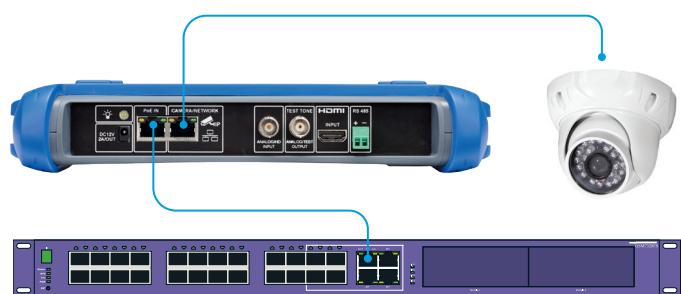
Power Camera

Whether you are installing or troubleshooting cameras, SecuriTEST IP supports all your power requirements for IP and analogue cameras.

No need for separate power injectors – SecuriTEST IP includes the following power outputs:



Power the camera using Power over Ethernet (PoE+), up to 24 watts from the tester - RJ45 port.



Power the camera by passing PoE from the network and through the tester - RJ45 port.



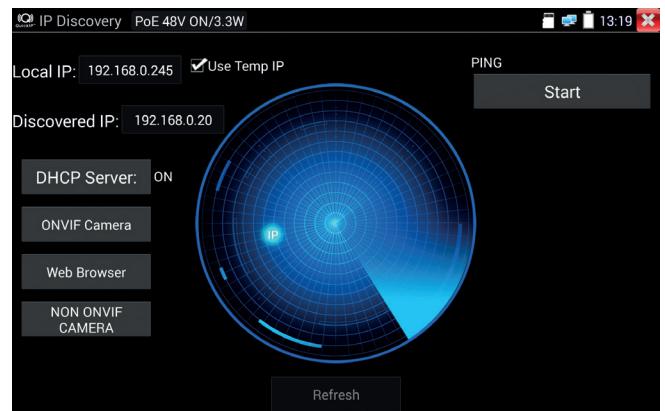
Power the camera using 12V DC from the tester - 2.5mm to 3.5mm barrel connector.

Camera Identification and Login

QuickIP™ automates the process of connecting to IP cameras, allowing novice technicians to configure IP cameras as easily as analogue cameras. For instances where dynamic IP addresses are required by the camera, SecuriTEST IP has a built-in DHCP server making setup easy and eliminating the need for additional network hardware.

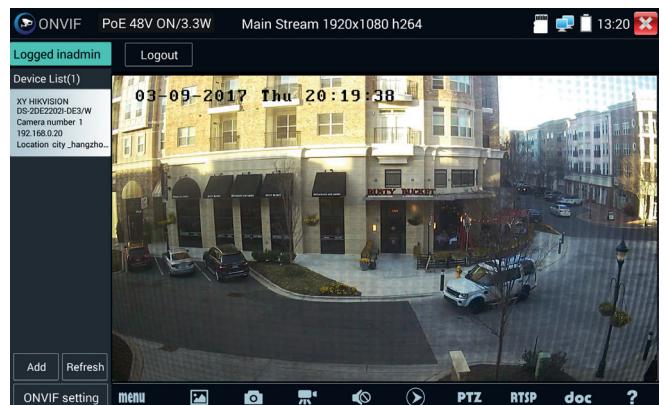
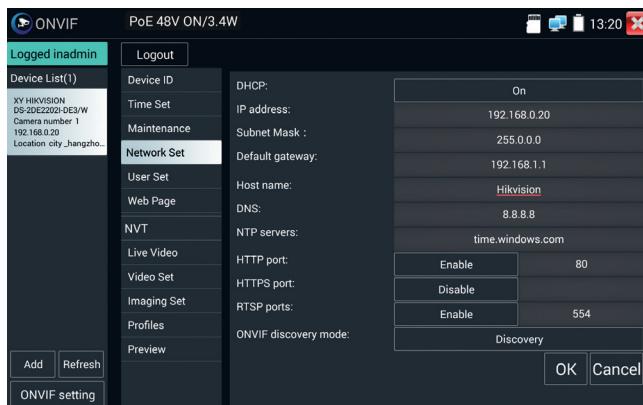
A suite of networking troubleshooting tools are available to pinpoint and solve network connectivity issues.

- Display Network Configuration
- Ping / TraceRoute
- Hub blink for Port Identification
- IP network Scan - check for IP address conflicts



IP Camera Setup

SecuriTEST IP offers a comprehensive range of ONVIF and non-ONVIF camera setup tools to ensure the camera is installed correctly



- 1. Configure camera** – update camera information and network settings.
- 2. Aim and focus** – use the high-resolution touchscreen or the hard keys when wearing gloves.
- 3. Program presets for PTZ cameras** – Program PTZ camera presets for users to automatically look at predefined areas.

- 4. Take snapshot** – save video snapshots including preset locations for your installation reports.
- 5. Record video clip** – record video clips to demonstrate complete coverage for PTZ cameras.

Analogue and HD Camera Setup

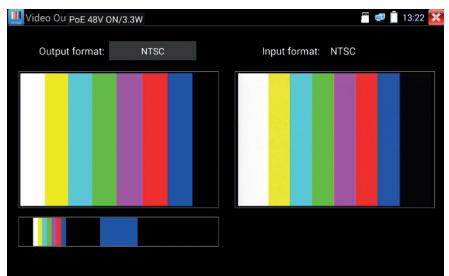
Easily setup analogue cameras.



Video adjustment



PTZ protocol settings



Test pattern generator to adjust screens

Professional Reports*

Easily transfer reports from the jobsite
- Using the built-in Wi-Fi and the web browser, test reports can be sent directly from the tester using email, your preferred file sharing service or be exported on microSD card.

Convert unpaid call backs to billable service calls - Generate professional PDF reports that provide proof of installation to the client.

No more spreadsheets - Today security engineers waste time manually filling in excel documents to create reports. SecuriTEST IP is the first camera tester to capture camera images, network configuration and automate documentation.

Reduce troubleshooting time
- Reports capture as-built configuration that will help to reduce troubleshooting on future call backs.

18GB of combined storage - 10GB of internal memory and 8GB available on the SD memory card included.

* Only applicable when using the ONVIF protocol

Example Report

SecuriTEST IP Test Report

Job/Project name : Lake Ridge **Operator :** J. Smith
Ticket/Ref /Job No. : QR127A **Company :** City Wide CCTV
Building No. : LRP472 **Street :** 1300 N. Industrial Blvd
Street : River Run St **City :** San Jose, CA
City : Tega Cay **ZIP :** 92100
State : SC **Country :** USA
ZIP : 29777 **Tel :** 888-555-1295
Country : USA **Email :** contactus@trend-networks.com

Tester Info
Tester Name : SecuriTEST IP **Test Time/Date :** 2017-10-09 12:32:37
Serial No : 2017072000010810 **Time zone :** EST
Hardware Version : 1.3-1.3 **Firmware Version :** 1.7.1.1.4
Main SW version : V1.1.0 **System SW version :** IN-K2-X7V1.0.0-1.0.0-7114G

Device Info
Camera name : IPCAM06 **Camera Model :** DS-2DE2202-DE3/W
Camera time : 2017-10-9 13:03:36 **Camera Maker :** HIKVISION
Camera Firmware Ver : V5.3.9 build 151223 **ONVIF version :** 2.40

Network Status Info
Ethernet port speed : 100Mb/s **Duplexity :** Full
PoE : Camera IP address : 192.168.1.64
Camera IP Mode : dynamic **Camera subnet mask :** 255.255.255.0
Gateway : 192.168.1.1 **Camera MAC add :** bc:ad:28:c8:6d:0e
DNS : 8.8.8.8

Image Info
Resolution : 1920x1080 **Encoding format :** H264
Frame Rate (fps) : 25 **Bit Rate Max (kbps) :** 3072
photo :

2011-01-02-11-25-08.png 
09-12-2017 Tue 22:06:33

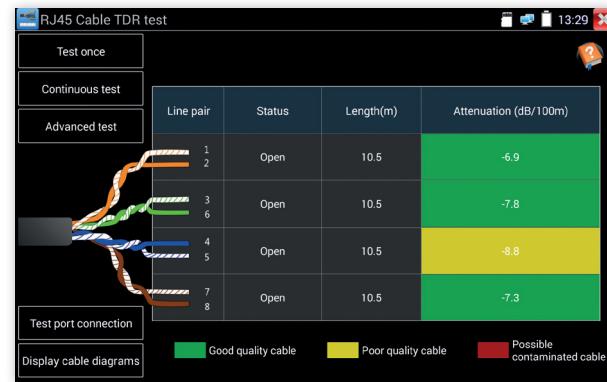
2011-01-02-12-16-07.png 
09-12-2017 Tue 22:57:32

2011-01-04-20-30-12.png
2011-01-04-20-24-37.png

Data Cable Test (UTP) - Wiremap

Eliminate guess work troubleshooting cabling faults
- SecuriTEST IP is used in combination with the “Cable Tracer/Remote Tool” to pinpoint cabling faults such as cross overs, miswires, shorts and opens. The length of the cabling is also provided.

Determine water ingress in data cabling - Many cables are run outside or in underground conduit and exposed to moisture. Moisture ingress through the cable jacket, which is impossible to see, leads to a number of performance problems.



Cable Tracing – Search for Cabling

SecuriTEST IP includes the ability to identify and trace cables using the digital tone generator and the “Cable Tracer/Remote Tool”. Choose from four tones and use the “Cable Tracer/Remote Tool” with variable sensitivity settings to trace either large cable bundles from a distance or pinpoint a single cable within a bundle.

SecuriTEST IP



Accurate setup of 4k cameras – Digital zoom displays full detail of high resolution video on the 7" touchscreen.

Fast access to key features – Short cut menu to instantly launch your most used tools.

One hand operation – Pan/Tilt/Zoom (PTZ) the camera using either the touchscreen or the hard keys.

Long battery life – Up to 10 hours continuous usage with a lithium-ion battery.

Ease of use – High resolution 7" capacitive touchscreen with 1920 x 1200 resolution display.



SecuriTEST IP

CCTV Camera Tester for
IP Digital / HD Coax / Analogue Systems



Ordering Information

Part No.	Kit Contents
R171000	SecuriTEST IP - Digital/Analogue/HD Coax CCTV Tester. 1x SecuriTEST IP Camera Tester, 1x carry case with strap, 2x neck straps, 1x PSU EU/UK/US/AU adapters, 1x cable tracer/remote, 1x 3m Cat. 5e UTP patch cable, 1x 3m coax cable with two end BNC (m) connectors, 1x 3m DC12V 3.5(f) to 2.5(f) power cable, 2x RS485 female green plugs, 1x 0.5m RS485 cable with female green plug and two clips, 1x 0.5m audio male jack with other end two clips, 1x quick reference guide, 1x 8GB microSD card and reader with USB adapter

Optional Accessories

Part No.	Description
R171050	1x Replacement Cable Tracer/Remote
R171051	1x Replacement accessory set for SecuriTEST IP. 1x coax cable with two end BNC (m) connectors, 1x DC12V 3.5(f) to 2.5(f) power cable, 2x RS485 female green plug
R171052	1x Replacement Battery

For replacement accessories, please visit our website.

SecuriTEST IP Test Report	
Job/Project name :	Lake Ridge
Ticket/Ref/Job No.:	CR127A
Building No.:	LPR472
Street :	River Run St
City :	Tega Cay
State :	SC
ZIP :	29777
Country :	USA
Operator :	J. Smith
Company :	City Wide CCTV
Street :	1300 N. Industrial Blvd
City :	San Jose, CA
ZIP :	95120
Country :	USA
Tel :	888-555-1295
Email :	contactus@trend-networks.com
Tester Info	
Tester Name :	SecuriTEST IP
Serial No :	2017072000010810
Hardware Version :	1.3-1.3
Main SW version :	V1.1.0
Test Time/Date :	2017-10-09 12:32:37
Time zone :	EST
Firmware Version :	1.7.1.4
System SW version :	IN-K2-X7V1.0.0-1.0.0-7114G
Device Info	
Camera name :	IPCAM06
Camera time :	2017-10-9 13:0:36
Camera Firmware Ver :	V5.3.9 build 151223
Camera Model :	DS-2DE2202-DE3/W
Camera Maker :	HIKVISION
ONVIF version :	2.40
Network Status Info	
Ethernet port speed :	100Mb/s
PoE :	Duplexity : Full
Camera IP Mode :	Camera IP address : 192.168.1.64
Gateway :	Camera subnet mask : 255.255.255.0
DNS :	Camera MAC add : bc:ad:28:c8:6d:0e
Image Info	
Resolution :	1920x1080
Frame Rate (fps) :	Encoding format : H264
photo :	Bit Rate Max (kbps) : 3072
2011-01-01-25-08.png	
2011-01-02-12-16-07.png	
2011-01-04-20-30-12.png	
2011-01-04-20-24-37.png	

For detailed specifications, please visit our website.

*Battery life is dependent on the load being drawn.

Basic Specifications

Internal Memory	Max. Cable Length	Battery Life*	Dimension (mm)	Weight	Operation Temp	Operation Humidity
10GB	100m	10 hours	160 (L) x 252 (W) x 48 (D)	1.00Kg	-10°C to +50°C	30% to 90%

For detailed specifications, please visit our website.

*Battery life is dependent on the load being drawn.



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